Index of Claims

| Application/Control No. | Applicant(s)/Patent under Reexamination |
|-------------------------|---|
| 09/770,525              | HRABIK ET AL.                           |
| Examiner                | Art Unit                                |

Examiner

Jenise E. Jackson

Art Unit

| <b>4</b> | Rejected | - |
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| =        | Allowed  | + |

- (Through numeral)
Cancelled
+ Restricted

N Non-Elected
I Interference

A Appeal
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|               |              | _             | 4        |                |          |                                     |            |          |          | _            | <b></b> |                |           | _        |       |          |          | _            |          |               |   | <b></b> | :-       | -        |            |   |  |          |        | _        |          |                 |     | _  |
|---------------|--------------|---------------|----------|----------------|----------|-------------------------------------|------------|----------|----------|--------------|---------|----------------|-----------|----------|-------|----------|----------|--------------|----------|---------------|---|---------|----------|----------|------------|---|--|----------|--------|----------|----------|-----------------|-----|----|
| CI            | aim_         | 7             | 7.7      |                | _        | Date                                | •          |          |          | _            |         | C              | laim<br>T | 4        | _     |          |          | Date         | •        | <del>-,</del> | _   | -       | L        | Cla      | mix        |   |  |          |        | ate      | •        | <del>-,</del>   |     | Τ- |
| Final         | Original     | 10/3          |          |                |          |                                     |            |          |          |              |         | Final          | Original  |          |       |          |          |              |          |               |   |         |          | Fina     | Original   |   |  |          |        |          |          |                 |     |    |
|               | 1            |               |          |                |          |                                     |            |          |          |              |         |                | 51        |          |       |          |          |              |          | $\Box$        | $\Box$  |         |          |          | 101        |   |  |          |        |          |          | $\Box$          |     | I  |
|               | 1            |               |          |                |          |                                     |            |          |          | $oxed{\Box}$ |         |                | 52        | L        | oxdot | 乚        |          |              | _        | _             | _   | _       | L        | _        | 102        | _ | Ш  | Ш        | _      |          | _        | _               |     | L  |
| 100           | <b>B</b>     | 7             |          | 9              |          |                                     | L          | ᆫ        | L        | ┸            |         |                | 53        | !        | 769   | <u> </u> |          | Ш            | _        | _             | 4   | _       | L        | _        | 103        | _ | Ш  | _        | _      | _        | _        |                 |     | ŀ  |
|               |              | Щ             |          | Щ              |          | _                                   | ⊢          | ļ.,      | L        | ╀            | 4       | <b> </b> -     | 54        | ╄        | ╄     | ╄        | $\vdash$ | Н            |          | - 1           | +   | -       | L        |          | 104        |   |  | Н        |        | -        | $\dashv$ |                 |     | ╀  |
| <u> </u>      | <b>(32</b>   | Ш             | Щ        | Щ              |          | _                                   | ┞          | <u> </u> | Ļ        | +-           | ╢       | <u> </u>       | 55        | +-       | ╀     | ╀        | ├        | $\vdash$     | -        | -             | +   | -       | ⊩        | _        | 105        |   | Н  | -        |        | -        | $\dashv$ | $\dashv$        |     | ╀  |
|               | 9            |               |          | Н              | _        | ⊢                                   | ├          | ├        | ┞        | ╀            | -       |                | 56<br>57  | ╀        | ╀     | ₩        | Н        | Н            | $\dashv$ |               | +   | -       | -        | -        | 106<br>107 |   | Н  | $\vdash$ |        | $\dashv$ | $\dashv$ |                 |     | ╀  |
| <u> </u>      | 1            |               | _        | $\vdash$       | _        | $\vdash$                            | ┢          | ╁        | ⊢        | +-           | ┨       | }—             | 58        | +        | ╫     | +        | ┢╌       | Н            | $\dashv$ | ┪             | 十   | -       | ⊩        | _        | 108        | _ | Н  |          |        |          | $\neg$   | $\dashv$        |     | t  |
| -             | 8            |               | Н        | Н              | _        | $\vdash$                            | ╁┈         | ┢        | ╁        | +            | ┨       | <del> </del>   | 59        | +-       | ╆     | t        | H        | H            | 一        | 一             | $\dashv$  | ١       | ╟        | $\neg$   | 109        |   | Н  |          | $\neg$ |          | $\neg$   | $\dashv$        | _   | t  |
| $\vdash$      | 10           | Н             | $\neg$   | Н              |          |                                     | T          | 一        | Н        | T            | 惴       | -              | 60        | 1        | t     | T        | Г        | П            | $\neg$   | ┪             | 十   | 7       |          |          | 110        |   |  |          |        |          |          | $\neg$          |     | T  |
| $\vdash$      | (D           | $\overline{}$ |          | Н              |          |                                     | T          | Т        | T        | 1            | 1       |                | 61        | ✝        | T     | T        |          | П            | $\neg$   | ヿ             |   | 7       |          |          | 111        |   |  |          |        |          |          |                 |     | Γ  |
|               | 12           |               |          |                |          | Г                                   | ┢          | Т        | Τ        | Τ            | 1       |                | 62        |          | Ī     |          |          |              |          |               |   |         |          |          | 112        |   |  |          |        |          |          |                 |     | L  |
|               | টো           |               |          |                |          |                                     |            |          |          |              |         |                | 63        | $\Gamma$ |       | 匚        | 匚        | 口            |          | $\Box$        | $\perp$   | _       | L        |          | 113        |   | Ш  |          |        |          |          |                 |     | Ĺ  |
|               | 1            |               |          |                |          |                                     |            |          |          |              |         |                | 64        | 丄        | L     | L        |          | Ш            |          | _[            | $\perp$   | _       | L        |          | 114        |   | Ш  | Щ        |        |          |          |                 |     | L  |
|               | 15           |               |          |                |          | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L          | ↓_       | L        | ╄            | 4       | <u> </u>       | 65        | ╄        | ╄-    | ↓_       | <u> </u> |              | _        |               | -   | _       | L        | _        | 115        | _ | Ш  | Н        | _      |          |          | $\Box$          |     | ╀  |
| <u></u>       |              |               | Ш        | Ш              |          | <u> </u>                            | ┡          | ╄        | L        | +            | 4       | <u> </u> -     | 66        | ╄        | ╀     | $\vdash$ | -        | $\vdash$     | _        |               | -   | -       | $\vdash$ | $\dashv$ | 116        |   | H  | H        |        |          | $\dashv$ | $\dashv$        |     | ╀  |
| <u></u>       | KIID<br>KIID |               | Ш        | Ш              | _        | <u> </u>                            | ┡          | ╄        | ⊢        | +-           | -       | <b>—</b>       | 67        | +-       | ╀     | ╀-       | $\vdash$ | $\vdash$     |          | $\dashv$      | +   | -       | ┢        | $\dashv$ | 117<br>118 |   | Н  |          | _      | $\dashv$ | $\dashv$ | $\dashv$        | _   | ╀  |
| <b> </b>      | 18           | Н             | Н        | $\vdash\dashv$ | -        | <del> </del>                        | ⊢          | +        | $\vdash$ | +            | -       | 1              | 68<br>69  | +-       | ╁╌    | ╀        | $\vdash$ | $\vdash$     | Н        | -             | +   | -       | -        | -        | 119        | - | Н  | Н        | _      | Н        | $\vdash$ | $\dashv$        |     | +  |
| <b>—</b>      | 20           | Н             | $\vdash$ | Н              |          | -                                   | $\vdash$   | $\vdash$ | ⊢        | ╁            | -       | 1              | 70        | ┿        | ╁     | ╈        | Н        | $\vdash$     | $\vdash$ | -             | ╅   | -       | -        | -        | 120        | _ | Н  | Н        | -      | H        | $\dashv$ | H               |     | t  |
| ⊢             | (a)          | -             |          | Н              | -        | ┢                                   | ╁          | $\vdash$ | ┢        | +            | 1       | $\vdash$       | 71        | 十        | ╈     | +        | 1        | Н            | $\dashv$ | ┪             | -+  | ┪::     | -        | _        | 121        |   | H  |          |        |          |          | $\dashv$        | _   | t  |
| $\vdash$      | (差)          |               |          | Н              |          | Н                                   | ╁╌         | ╁╴       | H        | +            | 1       | 1              | 72        | 1        | T     | ✝        | T        | T            | П        | 寸             | 十   | 7       |          |          | 122        |   | П  |          |        |          |          | $\neg$          |     | T  |
| -             | (23)         | J             |          | Н              |          | Н                                   | T          | 1        | 1        | +-           |         |                | 73        |          | Т     | Τ        | Г        | П            |          | ヿ             |   |         |          |          | 123        |   |  |          |        |          |          |                 |     | Γ  |
|               | 2            | Т             | П        | П              | ┌        | <u> </u>                            | ·          | Т        |          |              |         |                | 74        |          |       |          | Г        | Г            |          | $\Box$        | $\Box$  | ╗       | Щ        |          | 124        |   |  |          |        |          |          |                 |     | I  |
|               | 25           |               |          |                |          |                                     |            |          |          | I            |         |                | 75        |          | 匚     | 匚        |          |              |          |               | $\Box$  | _       | IL.      |          | 125        |   |  |          |        | Ш        |          |                 | _   | Ļ  |
|               | 26           |               |          |                |          |                                     | L          |          |          | $\perp$      |         |                | 76        | ┸        | Ļ.    | 丄        | L        | lacksquare   | Щ        | _             | 4   | 4       | L        | _        | 126        |   | Ш  |          |        |          | _        | Ц               | L., | Ļ  |
| 17            | 27           | 1             |          | 9              | **       | _                                   | _          | <u> </u> | L        | ╀            |         | (6)            | 77        | 1        | (9)   | ╄        | ļ        | Щ            | $\dashv$ | _             | -   | -       | <u>-</u> | _        | 127        |   | Н  | ш        | _      |          |          |                 |     | ╀  |
| ļ             | 28           | lacksquare    |          | Ш              |          | <u> </u>                            | <b>├</b> - | ╄        | Ļ.       | ╄-           | -       | <u> </u>       | 78        | ╀        | ╀     | ╀        | ╀        | <del> </del> | $\dashv$ | -             |   | -[      | ⊩        | -        | 128<br>129 |   | Н  | Н        |        |          |          | $\vdash$        | _   | ╀  |
|               | 29           | 4             |          | -              |          | ⊢                                   | ⊢          | ⊬        | ╁        | ╀            | -       | <b> </b> -     | 79<br>80  | ╂╌       | ╀     | ╀        | ⊢        | -            | $\dashv$ | $\dashv$      | -+  | -       | ⊩        |          | 130        |   | Н  | $\vdash$ | Н      | Н        |          | $\dashv$        |     | t  |
| <u> </u>      | 30           | 70            |          | Н              | _        | ⊢                                   | Ͱ          | ╀        | ┝        | ╁            | ╢       | -              | 81        | ╁        | ╁╌    | ╁        | ╂        | Н            | Н        | $\dashv$      | ┿   | -       | ┢        |          | 131        | _ | H  | Н        | _      |          | _        | $\dashv$        |     | t  |
| -             | 31           | 2             |          | Н              | _        | H                                   | ╁          | ╁╌       | H        | ┿            | -       | ╟              | 82        | +-       | ╁     | ╁        | ╁        | $\vdash$     | Н        |               | $\dashv$  | -       | -        | $\neg$   | 132        |   | -  |          |        |          | _        | $\dashv$        |     | t  |
| -             | 3            | Н             | Н        | Н              | H        | <del> </del>                        | H          | $\vdash$ | t        | +            | 1       | 1              | 83        |          | T     | t        | t        | П            | $\dashv$ | 一             | $\dashv$  | 1       | -        | -        | 133        |   | П  | H        |        | П        |          |                 |     | t  |
| <b>-</b>      | 34           | Н             | Н        | Н              | _        | 一                                   | Н          | ╁╴       | H        | +-           | 1       | -              | 84        | T        | ╈     | 1-       | ✝        |              |          |               | 十   | 7#      |          |          | 134        |   |  |          |        |          |          |                 |     | T  |
|               | 35           | 4             |          | H              |          | 1                                   | Γ          |          |          | T            | ]       |                | 85        | I        | Γ     | Ι        | $\Gamma$ |              |          |               | $oldsymbol{ol}}}}}}}}}}}}}}}$ |         | E        |          | 135        |   |  |          |        |          |          |                 |     | Γ  |
| _             | 36           | 0             |          |                |          | Г                                   |            |          |          | T            |         |                | 86        |          |       | Г        |          |              |          |               | $\Box$  | ╗       | #L       |          | 136        |   |  |          |        | П        |          |                 |     | L  |
|               | 37           |               |          |                |          |                                     |            |          |          |              |         |                | 87        |          | L     |          | L        |              |          | $\Box$        | _   | _       |          | _        | 137        |   | Ш  | Щ        |        | Ш        |          |                 |     | Ļ  |
|               | 38           | 10            |          |                |          |                                     |            | 1        | L        | 1            |         |                | 88        | 1        | L     | 1_       | <b>↓</b> | _            | Ш        |               | 4   | -       | -        |          | 138        | _ | $\vdash$   | Щ        | _      | Щ        | Щ        | Н               | _   | +  |
| <u></u>       | 39           | +             |          | Ш              | _        | <b>—</b>                            | 4          | $\vdash$ | L        | 4-           | 4       | <u> </u>       | 89        | +        | +-    | +        | <b>├</b> |              | Н        | -             | +   | -       | ⊩        |          | 139        |   | -  | $\vdash$ | Н      | Н        | Щ        | $\vdash \dashv$ |     | +  |
| <u> </u>      | 40           | L             |          |                | _        | ┞                                   | ┡          | $\vdash$ | ╀        | +-           | -       | -              | 90        | ╀        | ╀     | +-       | ⊢        | $\vdash$     |          |               | +   | -       | ⊩        |          | 140        |   | $\vdash$   | $\vdash$ | -      | H        | -        | $\vdash$        | _   | ╀  |
| lacksquare    | 41           | _             |          | $\vdash$       | -        | $\vdash$                            | ╀          | ╀        | ╀        | ╫            | ┨       | ⊩              | 91<br>92  | +        | ╀     | +        | ╀        | ╀╌           | $\vdash$ | $\dashv$      | $\dashv$  | -       | ⊩        | -        | 141<br>142 | - | Н  | Н        | Н      | Н        | Н        | $\vdash$        | _   | +  |
| -             | 42           |               | Н        | $\vdash\vdash$ | -        | ├-                                  | ⊢          | +        | ⊢        | ╫            | -       | $\vdash$       | 93        |          | +     | +-       | ╁╴       | $\vdash$     | $\vdash$ | $\dashv$      | $\dashv$  | -       | ⊩        |          | 143        |   | <del>                                     </del> | $\vdash$ | Н      | Н        | $\vdash$ | $\vdash \dashv$ | _   | +  |
| $\vdash$      | 44           | <b>-</b>      | $\vdash$ | Н              | $\vdash$ | $\vdash$                            | $\vdash$   | ╁╌       | ╁        | ╁            | 1       | -              | 94        | ╁        | 十     | ╁╴       | t        | H            | Н        | -             | +   | -       | ۲        | -        | 144        |   | Н  | Н        | Н      | Н        | Н        | Н               |     | t  |
| $\vdash$      | 45           | -             | $\vdash$ | $\vdash$       | -        | ┢                                   | ┢          | $\vdash$ | H        | ╁            | 1       | -              | 95        | 十        | +-    | 十        | t        | ┢            |          | $\dashv$      | $\dashv$  | ۱       | ╬        |          | 145        |   |  | П        |        |          |          | Н               |     | t  |
|               | 46           | -             | Н        | Н              | -        |                                     | H          | $t^{-}$  | t        | +            | 1       | $\blacksquare$ | 96        | 十        | 十     | T        | Т        | П            |          | _             | 十   | 7       |          |          | 146        |   |  | П        | П      | П        |          |                 |     | T  |
| <b> </b>      | 47           | $\vdash$      | Н        | Н              |          |                                     | T          | T        | t        | T            |         |                | 97        | T        | Τ     | T        | 1        | Г            |          |               |   |         | Г        |          | 147        |   |  |          |        |          |          |                 |     | T  |
|               | 48           | -             |          | П              |          | 1                                   | T          | T        | Τ        | 1            | 1       |                | 98        | I        | Ι     | I        |          |              |          |               |   |         | E        |          | 148        |   |  |          |        |          |          |                 |     | Ι  |
|               | 49           |               |          |                |          |                                     | Γ          | L        | Γ        | T            |         |                | 99        |          | Γ     | Г        |          |              |          |               | $\Box$  |         | E        |          | 149        |   |  |          |        |          |          |                 |     | I  |
| $\overline{}$ | 50           |               |          |                |          | П                                   | Т          | Т-       | Т        | Т            | 1:::    | :[             | 100       | \T_      | 1     |          | 1        |              |          |               |   | 100     | ::[      |          | 150        |   | 1  | 1 7      |        | ı T      |          |                 |     | Г  |